SONCHARDUA. L. A.

USSR / Microbiology. Technical Microbiology.

Abs Jour: Referat Zh.-Biol., No 6, 25 March, 1957, 21876

Author : Goncharova, L.A.

Inst:
Title: The Effect of Composition of Distillery Waste on the

Amylolytic Enzymes of Submerged Mold Cultures.

Orig Pub: Tr. Leningr. tekhnol. in-te pishch. prom-sti, 1955, 12,

159-168

Abstract: A study was conducted on amylolytic activity of submerged culture in Aspergillus niger strain S depending on changes in distillery waste composition and fungal assimilation of media nutrient substances. The fungal culture was cultivated on potato waste adjusted to pH 5.5, in 1 liter cylindrical glass fermenters with aeration by sterile air at a temperature of 30-32°. The waste composition was changed by adding starch and nitrogen sources such as NH NO and (NH ) SO . An increase in amylolytic activity occurred only when a definite relation-

Card : 1/2

-20-

USSR / Microbiology. Technical Microbiology.

F-3

Abs Jour: Referat Zh.-Biol., No 6, 25 March, 1957, 21876

ship between carbohydrates and nitrogen occurred and therefore, in adding nutrient substances, it was necessary to take into account the waste composition. In waste with an increased content of reducing substances, after hydrolysis with HCl (1.8%), the amylase activity increased to 277% of the activity in the control on addition to it of only 0.5% ammonium nitrate; the addition of starch alone inhibited amylase formation. In a waste with a low sugar content (0.53%) the addition of nitrogen sources also increased the amylase activity to 213% by comparison with the control. However, the best results (512%) were obtained with the simultaneous addition of starch (1%) and ammonium nitrate (0.5%). The addition of ammonium sulfate also caused increased activity, but to a lesser degree than in the case of the nitrate salt. Experiments on flour fermentation by sugared fungal cultures showed that due to increasing amylase activity, the consumption of the culture for sugaring may be lowered with a simultaneous increase in alcohol yield.

Card : 2/2

-21-

USSR/Antibiosis and Symbiosis - Antibiotics.

Abs Jour : Ref Zhur Biol., No 1, 1959, 764

Author : Chastukhin, V.Ya., Goncharova, L.A.,

Inst : Mass Culture of Mycelial Molds for Obtaining Fcod

Proteins

Orig Pub : Mikrobiologiya, 1957, 26, No 3, 360-366

Abstract : Various mold varieties were used to obtain food proteins from alcohol production wastes. The most suitable for

from alcohol production wastes. The most development on a molasses wash with superphosphate were representatives of Aspergillus, Penicillium, Fusarium and several others. In deep cultivation, with periodic culturing on molasses wash, and with a 72 hour aeration, the weight of the layer of A. oryzae was 11.1 g/l of wash diluted 1:1, that of A. niger, Oidium lactis and Fusarium roseum respectively 9.25, 8.37 and 5.30 g/l. The nitrogen content of the layer ranged from 3.7 to

Card 1/2

- 20:4

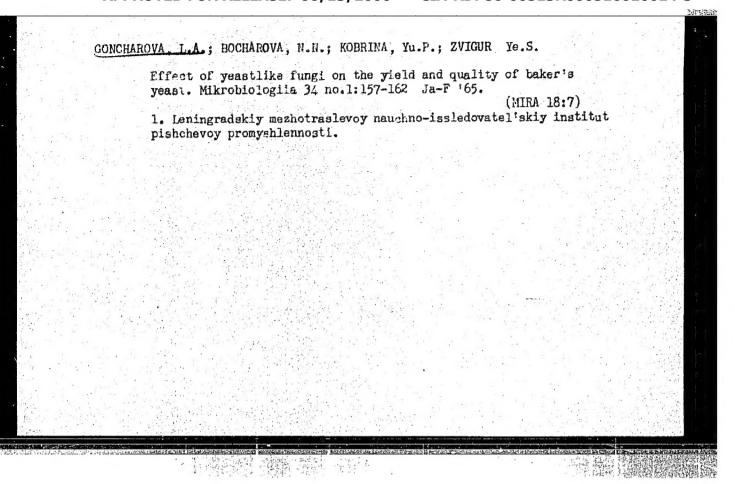
## APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000516010014-3

USSR/Antibiosis and Symbiosis - Antibiotics.

F

Abs Jour : Ref Zhur Diol., No 1, 1959, 764

5.30% of the mycelial weight, and the phosphorus content from 3.0 to 4.5%. The mycelial nitrogen content and weight also depend somewhat on the duration of culturing. By regulating the culturing time, with periodic transferring, there can be obtained for each liter of molasses wash (1:1) 10 g of A. oryzae mycelium, containing 7% nitrogen. Even better results (14 g/1) were obtained with continuous cultivation and change of the liquid every 24 hours. -- Ye.S. Kanel'



## "APPROVED FOR RELEASE: 06/13/2000

## CIA-RDP86-00513R000516010014-3

GONCHAROVA, L.D.

PARKHOMENKO, Vasiliy Georgiyevich; ARKHANGEL'SKIY, N.A., prof., retsensent; BULGAKOV, N.V., prof., retsensent; ZAYTSEV, V.G. (Moskva), kand.tekhn. nauk, retsensent; SHEKLAKOV, D.M. (Moskva), prepodavatel', retsensent; PISHCHANSKAYA, B.A. (Odessa), prepodavatel', retsensent; GUTAN, N.K., prepodavatel', retsensent; GOL'DIN, A.E., prepodavatel', retsensent; KHRYPOV, N.M. (Sverdlovak), prepodavatel', retsensent; DERYABINA, L.I., prepodavatel', retsensent; TEMEL'IANOV, D.M. (Leningrad), prepodavatel', retsensent; GONCHAROVA, L.D. (Simferopol'), prepodavatel', retsensent; MATVEYEV, Ye.P., prepodavatel', retsensent; ALEKSEYEV, I.M., prepodavatel', retsensent; DUDINSKIY, S.L. (Leningrad), prepodavatel', retsensent; BABUN, V.B. (Khar'kov), kand.tekhn.nauk, retsensent; CHERNOV, M.V., prof., doktor tekhn.nauk, spetsred.; BORISOVA, G.A., red.; SUDAK, D.M., tekhn.red.

[Introduction to the study of commercial wares] Vvedenie v tovarovedenie promyshlennych tovarov. Moskva, Gos.izd-vo torg.lit-ry, 1959. 135 p. (MIRA 12:7)

(Commercial products)

PARKHOMENKO, Vasiliy Georgiyevich; ARKHANGEL'SKIY, N.A., prof.,
retsenzent; [deceased]; BULGAKOV, N.V., prof., retsenzent;
ZATTSEV, V.G., retsenzent(Moskva); SHEKLAKOV, D.M., prepodavatel' tekhnikumov sovetakov torgovij, retsenzent(Moskva);
KOZLOVA, Z.V., retsenzent (Moskva); PISHCHENSKAYA, B.A., retsenzent (Odeasa); GUTAN, M.K., retsenzent; GOL'DIN, A.E.,
retsenzent; KHENFOV, N.N., retsenzent(Sverdlovsk); DERYAHINA,
L.I., retsenzent; YEMEL'YANOV, D.M., retsenzent (Leningrad);
GONGHAROVA, L.D., retsenzent(Simferopol'); MATVETEV, Ve.P.,
retsenzent; ALEKSEYEV, I.M., retsenzent; DUDINSKIY, S.L.,
retsenzent(Leningrad); BABUN, V.B., kand. tekhn. nauk, retsenzent(Khar'kov); CHERNOV, N.V., prof., doktor tekhn. nauk,
spets. red.; BORISOVA, G.A., red.; GROMOV, A.S., tekhn. red.

[Introduction to a knowledge of manufactured goods] Vvedenie v
tovarovedenie promyshlennykh tovarov. Izd.2., dop. i perer.
Moskva, Gostorgizdat, 1962. 142 p.
(Commercial products)

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VERTOFRAKHOV, V.N.; GONCHAROVA, L.I.; LARIONOV, I.G.

Optical device for the orientation of single crystals. Izv. SO
AN SSSR no.6 Ser. tekh. nauk no.2:128-130 164.

(MTFA 17:10)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya AN SSSR, Novosibirsk.

## "APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000516010014-3

I. 10056-67 EWT(m)/EWP(j) IJP(c) RM ACC NR: AP6022910 SOURCE CODE: UR/0292/66/000/004/0053/0055

AUTHOR: Vardenburg, A. K. (Candidate of technical sciences); Surnina, L. V. (Engineer); Goncharova, L. N. (Engineer)

ORG: none

TITLE: Elastic epoxy compounds

SOURCE: Elektrotekhnika, no. 4, 1966, 53-55

TOPIC TAGS: epoxy plastic, synthetic material

ABSTRACT: A version of the epoxy compound is considered in which type AG-2 and SG-2 linear-structure polyester oligomers are used as curing and modifying agents. A greater distance between two carboxyl groups and a relative mobility of intermediate links in the molecules of these agents are responsible for the high elasticity of the ultimate polymers. These characteristics of ED-6 epoxy resin with AG-2 curing agent (no extender) are reported:

Card 1/2

UDC: 621.315.616.97.001.2

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A	CC NR: AP6022910			3	
!				bmersion ter for	,
			24 hrs	30 days	
	ensile strength, kg/cm <sup>8</sup>	200-250 120-160			
	olume resistivity, ohm cm, at 20C at 100C	10 <sup>48</sup>	1044	1044	
L	oss, tg & , 1000 cps, at 20C at 100C	0.006-0.010 0.06-0.1	0.02-0.03	0.07-0.08	
D	ielectric constant, &, 1000 cps, at 20C at 100C	4-5 6.7-7.0	5.0-5.5	7.1-7.3	
E	lectric strength, kv/mm	35-40	•	15	
	Cand. Chem. Sc. N. F. Budyak, Engineer tharitonov took part in the work." Orig. ar				
S	UB CODE: 11 / SUBM DATE: none				
	ard 2/2 1/H				

## GONCHAROVA, L.N.; VEL'IMAN, L.A.; PARFILOV, Yu.A. Synchronized electro—, phono— and ballistocardiographic registration with the aid of an industrial electromagnetic oscillotraph MPO-2. Terap.arkb. 33 no.4:87-88 '61. (MIRA 14:5) 1. Is kafedry propedevtiki vnutremnikh bolesney (zav. — prof. S.V.Shestakov) Kuybyshovskogo meditsinskogo instituta. (KLECTROCARDIOGRAPHY) (HEART—SOUNDS)

## "APPROVED FOR RELEASE: 06/13/2000

## CIA-RDP86-00513R000516010014-3

# GONCHAROVA, L.N. Spectrophonocardiography and its clinical significance. Kardiologiia 2 no.2:68-73 Mr-Ap '62. (MIRA 15:4) 1. Iz kardio-revmatologicheskogo kabineta (zav. L.N.Goncharova) medikosanitarnoy chasti 4-go Gosudarstvennogo ordena Lenina podshiphikovogo zavoda (glavnyy vrach Ye.I.Gerasimova, nauchnyy rukovoditel' - prof. S.V.Shestakov). (HEART—SOUNDS)

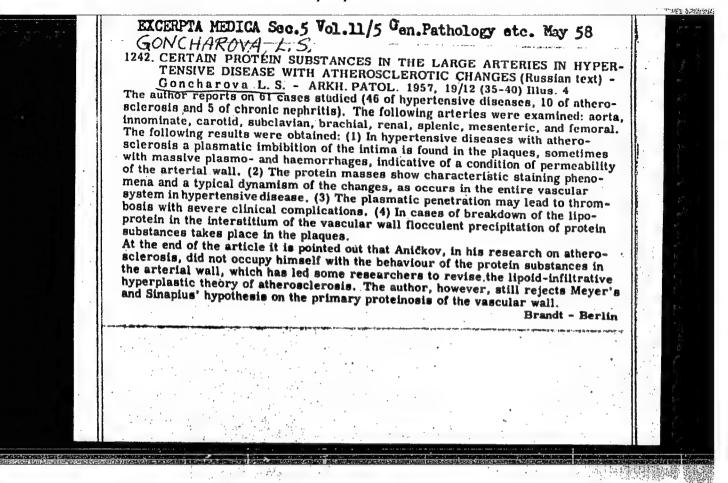
## GONCHAROVA, L.N. (Kuybyshev)

Frequency composition and amplitude relationship of various frequency ranges of the first and second heart tones. Terap. arkh. 35 no.9298-105 S263 (MIRA 1724)

1. Iz kardiorevmatologicheskogo kabineta ( zav. L.N.Goncharova) mediko-senitarnoy chasti (glavnyy vrach Ye.I. Gerasimova, nauchnyy rukovoditel i raboty - prof. S.V. Shestakow) Gosudarstvennogo ordena Lenina podshipnikovogo zavoda.

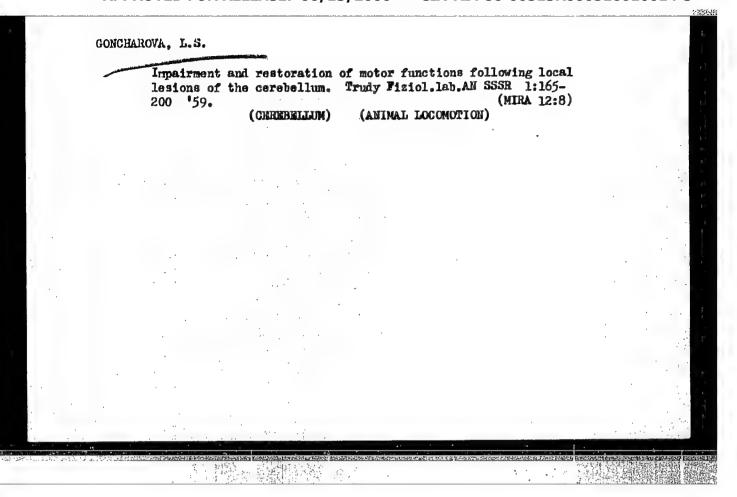
GONGHAROVA, L. S., Cand Med Sci -- (diss) "Morphological changes in large block vessels at the hypertenic disease." Khar'kov, 1957. 14 pp. (Khar'kov Med Inst), 200 copies. (KL, 9-58, 12)

- 131 -



GONCHAROVA, L.S., Cand Med Sci -- (diss) "Discrete and recotablishment of motor functions after local dimage to the cerebellum." Mos, 1959, 16 pp (Second Mos State Med Inst im N.I. Pirogov) 250 copies (KL, 36-59, 118)

- 85 -



ASRATYAN, E.A.; GONCHAROVA, L.S.

Sequelae of lateral hemisection of the medulla oblongata in puppies and adult dogs. Biul. eksp. biol. 1 med. 49 no.1:30-34, Ja '60.

(MIRA 13:7)

1. Is fisiologicheskoy laboratorii AN SSSR (dir. - ohlem-korrespondent AN SSSR E.A.Asratyan), Moskva. Predstavlena deystv. ohlenom AMN SSSR V.V. Parinym.

(MEDULIA OBLONGATA...SURRERY)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000516010014-3"

中。這個監察機器的認定的存息。

SIMONOV, Pavel Vasil'yevich; ASRATYAN, E.A., otv. red.; GONCHAROVA, L.S., red. izd-va; GOLUB', S.P., tekhn. red.; LAUT, V.G., tekhn. red.

[Three phases in the reactions of an organism to an increasing stimulus] Tri fazy v reaktsiiakh organizma na vozrastaiushchii stimul. Moskva, Izd-vo Akad. nauk SSSR, 1962. 242 p.
(MIRA 15:5)

1. Chlen-korrespondent Akademii nauk SSSR (for Asratyan).
(NERVOUS SYSTEM) (INHIBITION)

STEFANTSEV, B.D., OONCHAROVA, L.S.

"On the problem of the restoring of disturbed functions after a longitudinal section of dogs' and pupples' medulla."

Report submitted, but not presented at the 22nd International Congress of Physiological Sciences.

Leiden, the Netherlands 10-17 Sep 1962

GONCHAROVA, L.S., kand.med.nauk; USACHEVA, V.M., kand.med.nauk

Abrikosov's tumor in the Larynx. Zhur.ush., nos.i gorl.bol. 22 no.2:67-68 Mr-Ap '62. (MIRA 15:11)

l. Iz kafedry patologicheskoy anatomii (zav. - prof. G.L.Derman) i kafedry bolezney ukha, gorla i nosa (zav. - dotsent D.Ye. Rozengauz) Khar'kovskogo meditsinskogo institua.

(LARYNX.—TUMORS)

GONCHAROVA, L.S.; STEFANTSOV, B.D.

Restoration of impaired functions in animals following longitudinal resection of the medulla oblongata on various levels. Fiziol.zhur. (MIRA 15:8)

1. From the Physiological Laboratory, U.S.S.R. Academy of Sciences, Moscow.

(MEDULLA OBLONGATA)

GONCHAROVA, L.S.; ROMANOVSKAYA, Ye.A.; STARTSEV, S.D.

Stereotactic apparatus for dogs. Biul. eksp. biol. i med. 55 no.2:123-126 F'63. (MIRA 16:6)

l. Iz fiziologicheskoy laboratorii AN SSSR, Moskva. (SURGICAL INSTRUMENTS AND APPARATUS) (FRAIN—SURGERY)

DERMAN, G.L., prof., GONCHAROVA, L.S.

Morphological changes in the nervous apparatus of the major arterial vessels in hypertension. Vrach. delo no.8:26-29 Ag 163. (MIRA 16:9)

l. Kafedra patologicheskoy anatomii (zav. - prof. G.L.Derman) Khar'kovskogo meditsinskogo instituta. (HYPERTENSION) (ARTERIES—INNERVATION)

DERMAN, G.L.; GONCHAROVA, L.S. (Khar'kov)

Morphological changes in leg arteries in gangrene. Arkh. pat.
25 no.9:13-19 '63. (MIRA 17:10)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. G.L. Derman) Khar'kovskogo meditsinskogo instituta.

ASRATYAN, E.A., otv. red.; GONCHAROVA, L.S., ved. red.

[Mechanisms of compensatory adaptations; electrophysiological analysis of compensatory functions] Mekhanizmy kompensatornykh prisposoblenii; elektrofiziologicheskii analiz kompensatsii funktsii. Moskva, Izdvo "Nauka," 1964. 214 p. (MIRA 17:6)

1. Akademiya nauk SSSR. Institut vysshey nervnoy deyatel nosti i neyrofiziologii. 2. Chlen-korrespondent AN SSSR (for Asratyan).

GONCHAROVA, L. V., Cand. Geol-Mineral.Sci. (diss) "Investigation of Influence of Chemical-Mineralogical Composition of Soils and their Cementing Properties," Moscow, 1961, 27 pp (Moscow State Univ.) 200 copies (KL Supp 12-61, 258).

GONCHAROVA, L.V., kand. geol.-miner. nauk; ZIANGIROV, R.S., kand. geol.-miner. nauk

Practices in making seepage control screens from a mixture of sand with hydrated silicate-clay. Gidr. i mel. 16 no.12:30-38 D '64 (MIRA 18:2)

1. Moskovskiy gosudarstvennyy universitet.

GONCHAROVA, L.V.; ZIANGIROV, R.S.

Practice in making firm antifiltration sand screens reinforced with carbamide resin. Vest. Mosk. un. Ser. 4 Geol. 20 no.61 (MIRA 19:1)

l. Kafedra gruntovedeniya i Anzhenernoy geologii Moskovskogo gosudarstvennogo universiteta. Submitted June 28, 1964.

Country

: USSR

Category

: CULTIVATED PLANTS, COMMERCIAL . Oleifarous. Magar-

Bearing. Abs. Jour. ; REF ZHUR-BIOL.,21,1958,NO-96100

Author

: Goncharova

Institut. : Al -Union Scientific Res. Inst. of Common and Eitle : A Test of Tobacco Variaties for Resistance to

Severe Tomato Bronzing in the Western Regions of

the Ukrainian 33R

Orig. Tub. : Byul. nauchno-tekhn. inform. Vses.n.-1.in-t tabaka

i makhorki, 1957, 3, 44-48

Abstract

: Variety trials were held in Stenislavskaya and Ternopol'skaya Oblasts of the Ukrainian SSR during 1955-1956 with local tobaccos for their resistance to a new tobacco virus discase - severe tomato bronzing. The test was made by a fallow plot method in comparison with a recently introduced standard variety, Ostrolist 2747. Under natural contagion conditions where a high rate of tobacco infection was prevalent, Ostrolist was not more

\* Aztec Tobacco

Card:

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Abs. Jour. : REF ZHUR-BIOL.,21,1958,NO-96100

Author Institut. :

Title

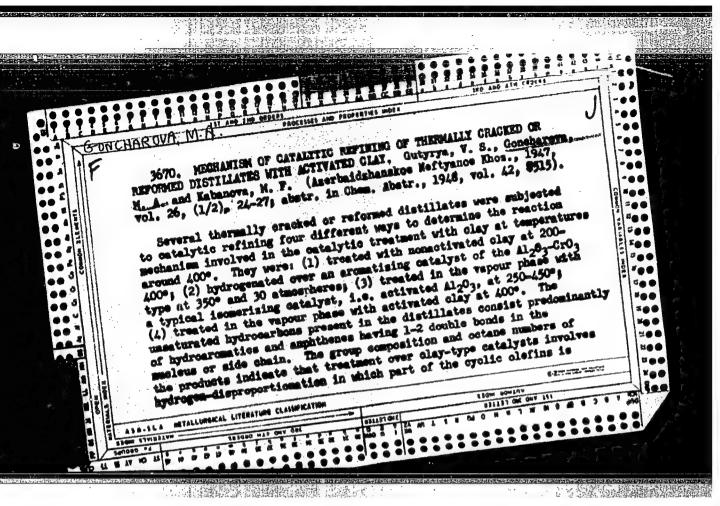
Orig. Pub. :

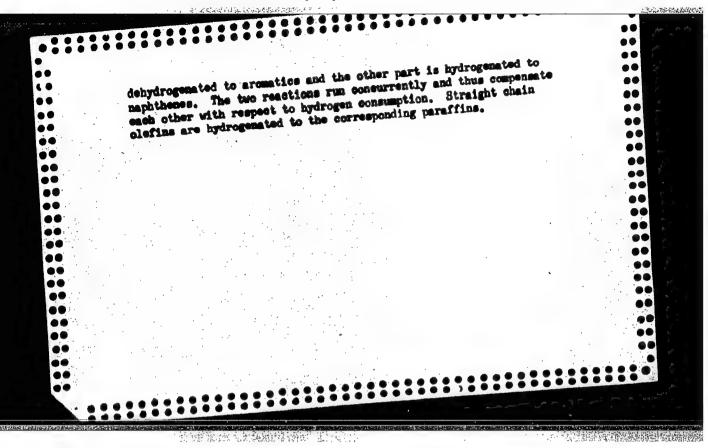
Abstract

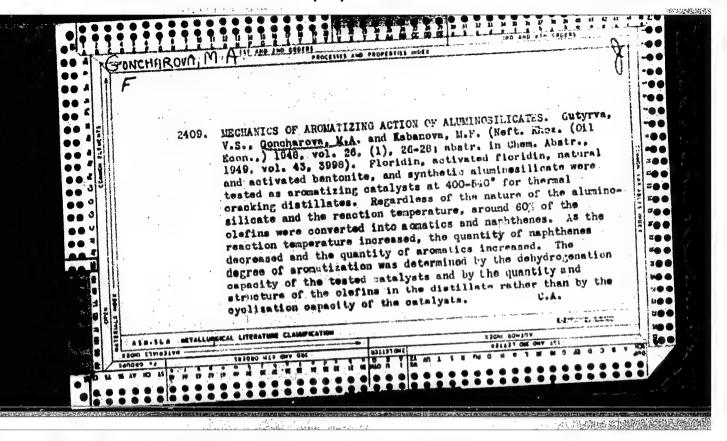
: inflicted with severe tomato bronzing than the local widesprend Sobol ohskiy variety. With artificial contamination against a background of lesser infection, the number of sick plants of Ustrolist variety was less than those of Sobol'chskiy and a number of other varieties. In the selection tested there were no varieties which were resistant to the disease. The Koloz-drik (popular aulection) and 159-1 (a selected variety of the Trapezond type) varieties are

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ALIYEV, Vagab Safarovich; INDYUKOV, Nikolay Mikhaylovich; YEFIMOVA, Sof'ya Abramovna; GONCHAROVA, Mariya Alekseyevna; SIDORCHUK, Igor' Ivanovich; NAGIYEV, M.F., akad., red.; DOLGOV, V., red. izd-va

[Catalytic cracking of petroleum crudes with the use of fluidized bed techniques] Issledovania v oblasti kataliticheskogo krekinga neftianogo syr'ia s primeneniem tekhniki kipiashchego sloia.

Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1962. 310 p.

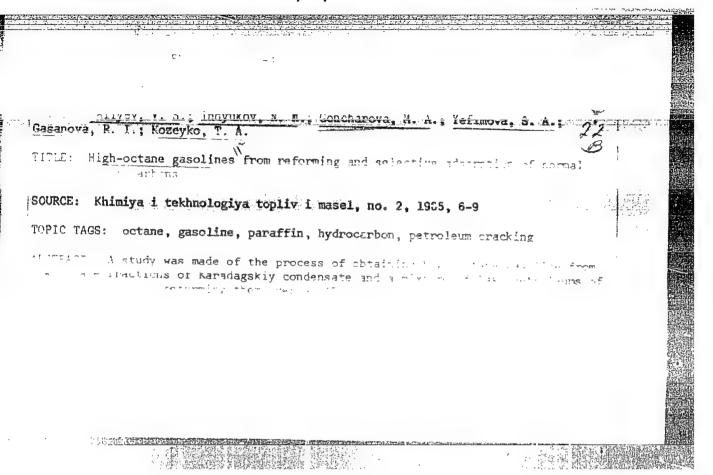
(MIRA 15:5)

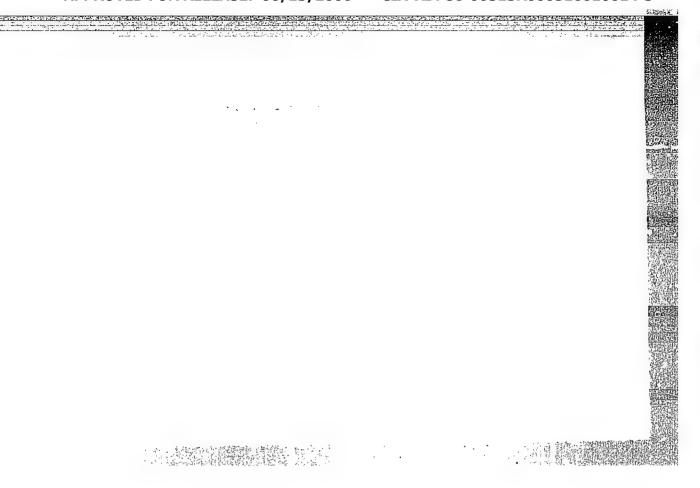
(Cracking process) (Fluidization)

INDYUKOV, N.M.; GONCHAROVA, M.A.; SIDORCHUK, I.I.; GASANOVA, R.I.

Catalytic reforming of low-octane gasolines with milium content of naphthenic hydrocarbons. Khim.i tekh.topl.i masel 6 no.9:15-19 S '61. (MIRA 14:10)

1. Institut neftekhimicheskikh protsessov AN AzerSSR. (Gasoline) (Hydrocarbons)





BIKBOVA, S.K.; GONCHAROVA, M.I.; ROSSINSKAYA, (.B.; KOTYLEV, O.A., kand.veterin.nauk; KARIMOVA, Z.Kh., dotsent, nauchnyy konsul'tant

Studying leptospirosis in man and animals in Tataria during 1961. Uch. zap. KVI 89:79-83 62. (MIRA 18:8)

1. Kazanskiy veterinarnyy institut (for Kotylev).

BIKBOVA, S.K.; GONCHAROVA, M.I.; KARIMOVA, Z.Kh.; ROSSOMAKHINA, N.F.

Murine rodents as carriers of Leptospira rattus. Nauch. trudy Kaz. gos. med. inst. 14:109-110 '64. (MIRA 18:9)

l. Kafedra mikrobiologii (zav. - dotsent Z.Kh. Karimova) Kazanskogo meditsinskogo instituta i otdel osobo opasnykh infektsiy (zav. - T.I.Chiranova) Respublikanskoy sanitarno-epidemiologicheskoy stantsii Tatarskoy ASSR.

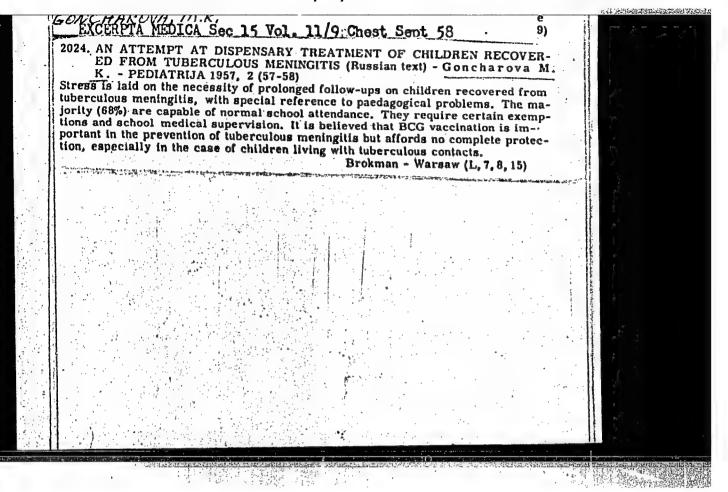
GINCHIES OV A, MIN.
GOL'DPARB, M.L.; GONCHAROVA, M.K.; SHEYNMAN, B.A.

Studying the effectiveness of BCG revaccination by intracutaneous and percutaneous methods. Prob.tub.no.4:3-8 J1-Ag \*55.(MLRA 8:10)

1. Is organisatsionno-metodicheskogo otdela (sav.-kandidat weditsinskikh nauk M.L. Gol'dfarb) Leningradskogo nauchno-issledovatel'skogo Tuberkulesnogo instituta (dir.-doktor meditsinskikh nauk prof. A.D. Semenov)

(BCG VACCINATION, eff.
on tuberculin reaction in intracutaneous and percutaneous methods)

(TUBERCULOIN REACTION eff. of BCG vacc. in intracutaneous & percutaneous methods)



GONCHAROVA, M. N.

Goncharova, M. N. "The diagnosis and treatment of congenital dislocations of the pelvis in early child growth", Sbornik nauch. trudov (M-vo zdravookhraneniya RSFSR. Resp. nauch.-issled. in-t vosstanovleniya trudosposobnosti fiz. defektivnykh detey im. prof. Turnera), Leningrad, 1948, p. 358-69.

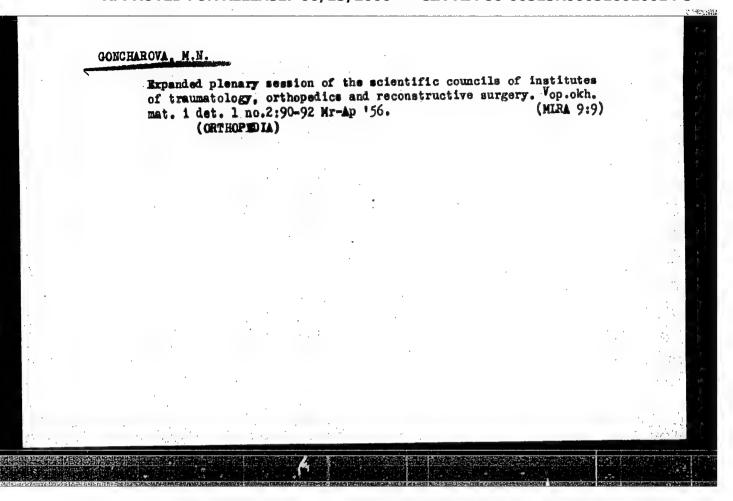
SO: U - 3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey No. 7, 1949).

GONCHAROVA, M.N., professor; KRYSHOVA, N.A., professor; LYANDERS, Z.A., doktor Meditsinskikh nauk; LEVIN, I.M., kandidat meditsinskikh nauk; GOLOVIESKAYA, N.V., iandidat meditsinskikh nauk; POLONSKIY, M.N., kandidat meditsinskikh nauk; CHOTOVA, Ye.I., kandidat meditsinskikh nauk; ZELENINA, Ye.V., kandidat meditsinskikh nauk

Treatment of children with aftereffects of policeyelitis. Vop.okh. mat. i det. 1 no.1:43-52 Ja-F 156. (MIRA 9:9)

1. Is Mauchno-issledovatel\*skogo detskogo ortopedicheskogo instituta imeni G.I.Turnera, Leningrad.

(POLIOMYELITIS)



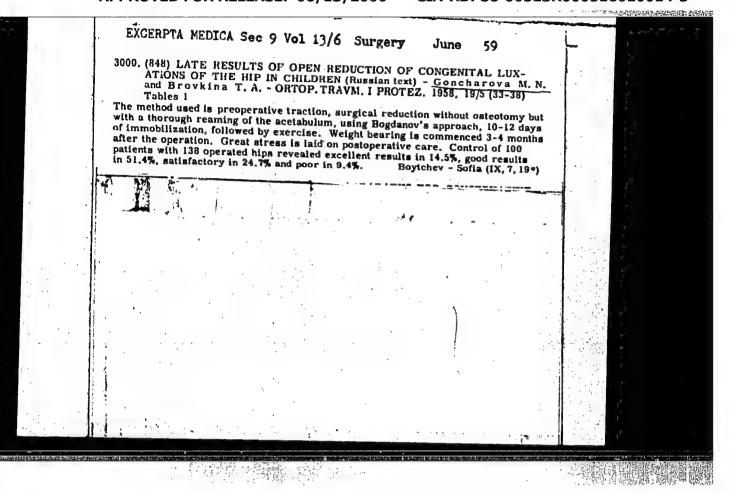
# GONCHAROVA, M.N., prof.

Organizing the treatment of children during the restorative and residual states of polionyelitis. Zdrav. Ros. Feder. 2 no.1: 28-33 Ja '58. (MIRA 11:2)

1. Is Leningradskogo gosudarstvennogo nauchno-issledovatel'skogo detskogo ortopedicheskogo instituta imeni G.I.Turnera.
(POLICHYBLITIS)

## "APPROVED FOR RELEASE: 06/13/2000

#### CIA-RDP86-00513R000516010014-3



# GONCHAROVA, M.W., prof.

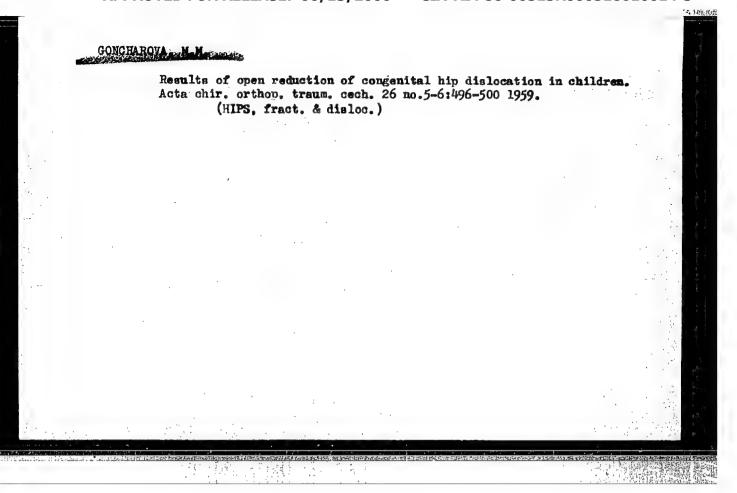
Organization of orthopodic and traumatological aid for children in the R.S.F.S.R. Ortop., travm.i protes. 20 no.12:33-39 D '59.

(MIRA 13:5)

1. Iz Mauchno-issledovatel skogo detskogo ortopedicheskogo instituta imeni G.I. Turnera (dir. - prof. N.W. Goncharova).

(ORTHOPEDICS)

(AGCIDENTS)



"The Congenital Dislocation Of The Hip, Diagnosis And Treatment."

report submitted for the Eighth Congress, Intl. Society of Surgery (Orthopedic) and Traumatology, New York, N.Y., 4-10 Sep 60.

AVIDON, D.B., kand.med.nauk; BAIROV, G.A., kand.med.nauk; BUTIKOVA, N.I., dotsent, kand.med.nauk; BOTKOV, G.A., kand.med.nauk; VERESHCHAGINA, L.N., kand.med.nauk; GONCHAROVA, M.N., prof., doktor med.nauk; ZHOLOBOV, L.K., vrach; ZEMSKAYA, A.G., kand.med.nauk; KAYSAR'YANTS, G.A., dotsent, kand.med.nauk; KOLESOV, A.P., doktor med.nauk; KONDRAT'YEV, A.P., kand.med.nauk; KORCHANOV, G.I., kand.med.nauk; KUTUSHEV, P.Kh., kand.med.nauk; LEVINA, O.Ya., kand.med.nauk; KUTUSHEV, P.Kh., kand.med.nauk; LEVINA, O.Ya., kand.med.nauk; LYANDRES, Z.A., prof., doktor med.nauk; MOROZOVA, T.I., kand.med.nauk; MIRZOYEVA, I.I., kand.med.nauk; PANUSHKIN, V.S., kand.med.nauk; RASTORGUYEV, A.V., vrach; HUDAKOVA, T.A., kand.med.nauk; SAVITSKAYA, Ye.V., kand.med.nauk; SVISTUNOV, N.I., vrach; CHISTOVICH, G.V., kand.med.nauk; YAKOVIEVA, T.S., vrach; MARGORIN, Yevgeniy Mikhaylovich, prof., red.; DOLETSKIY, S.Ya., red.; VERESHCHAGINA, L.N., red.; RULEVA, M.S., tekhn.red.

[Operative surgery on children] Operativnsia khirurgiia detskogo vozrasta. Leningrad, Gos.izd-vo med.lit-ry Medgiz, Leningr.otd-nie, 1960. 475 p. (MIRA 13:12)

(CHILDREN -- SURGERY)

GONCHAROVA, M.N., prof.; SMIRNOVA, Ye.I.; EPSHTEYN, G.Ya., prof.; OBODAN, N.M., starshiy nauchnyy sotrudnik

Organization of control over children's injuries in Leningrad,
Zdrav. Ros. Feder. 4 no.8:22-26 Ag '60. (MIRA 13:9)
(LENINGRAD\_-CHILDREN\_ACCIDENTS)

BOYKOVA, O.S., metodist lechegnoy fizicheskoy kul'tury; BORTFEL'D, S.A., kand. ped. nauk; GANDEL'SMAN, A.B., prof., doktor med. nauk; GOLOVINSKAYA, N.V., kand. biol. nauk; GONCHAROVA, M.N., prof., doktor med. nauk; MIRZOYEVA, I.I., red.; KHARASH, G.A., tekhn. red.

[Exercise therapy in the pediatric orthopedic clinic] Lechebnaia fizicheskaia kul'tura v detskoi ortopedicheskoi klinike.
Leningrad, Medgiz, 1961. 191 p. (MIRA 15:4)
(EXERCISE THERAPY) (ORTHOPEDIC NURSING)

# GONCHAROVA, M. N., prof.

Basic principles of medical care for children with cerebral spastic paralysis. Ortop., travm. i protez. 22 no.8:64-69 Ag \*61. (MIRA 14:12)

1. Iz Gosudarstvennogo nauchno-issledovatel¹skogo detskogo ortopēdicheskogo instituta imeni G. I. Turnera (dir. - prof. M. N. Goncharova)

(CEREBRAL PALSIED CHILDREN)

GONCHAROVA, M.N., prof.; OBODAN, N.M., starshiy nauchnyy sotrudnik; GRININA, A.V., mladshiy nauchnyy sotrudnik

Recording of patients with disorders of the locomotor apparatus as a basis for proper organization of orthopedic aid for children. Ortop., travm. i protes. 24 no.11:48-56 N '63.

(MIRA 17:10)

1. Iz Detskogo ortopedicheskogo instituta imeni Turnera (dir. - prof. M.N. Goncharova). Adres avtorov: Leningrad P-136, Lakhtinskaya ul., dom 10/12, Institut imeni Turnera.

MATVEYENKO, T.M. (Krasnodar); GONGHAROVA, M.P. (Krasnodar)

What the Laboratory of Plant Protection at the All-Union Research Institute of Tobacco and Makhorka is working on. Zashch. rast. ot vred. i tol. 6 no.11:8-10 N '61.

(MIRA 16:4)

1. Zaveduyushchiy laboratoriyey Vsesoyusnogo nauchno-issledo-vatel'skogo instituta tahaka i makhorki imeni A.I. Mikoyana (for Matveyenko). 2. Mauchnyy rabotnik Vsesoyusnogo nauchno-issledovatel'skogo instituta tabaka i makhorki imeni A.I. Mikoyana (for Goncharova).

(Tobacco-Diseases and pests)

NADEZHDIN, D.S.; GONCHAROVA, M.V.; KUPLICHENKO, M.Ye.

Preparation of table salt by cooling brines. Ukr.khim.zhur. 26
no.1:126-131 '60. (MIRA 13:5)

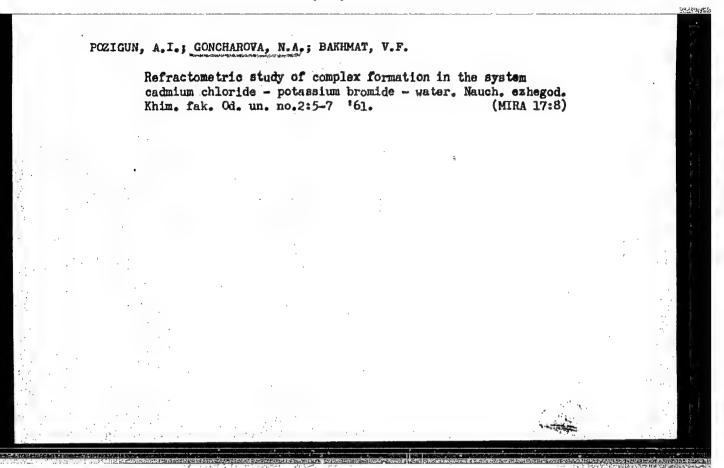
1. Ukrainskiy nauchno-issledovatel'skiy institut solyanoy
promyshlennosti.

(Salt)

BELEVISOV, G.A.; KRASAVISEV, M.I.; MISNOMENKO, N.M.; SOLDATKIN, A.I.; SHARKEVICH, L.D.; Priminali uchastiyo: FROLOV, S.Ya.; SHESTOPALOV, I.I.; PECENTROVA, X.A.; STOLBUNSKIY, L.Z.; UEGV, V.Z.; GLOTOV, P.L.; VOLKOVA, A.Ya.; ALDOKHINA, V.P.; VOLGBEIN, Ya.T.; SHUMAKOV, I.S.; ZAPOROZHETS, N.P.; SHAPGSHNIKOV, V.P.; GONCHABOVA, M.Ia.

Revestigation of blast furnace smelting using natural gas. Stal 22 no.6:483-486 Jo 62. (MIRA 16:7)

(Blast Furnaces-Equipment and supplies)



KOZOREZOV, X1.1.; BAYBURSKIY, L.A.; MANOVYAN, A.K.; GONCHAROVA, N.A.; KHACHATUROVA, D.A.

Studying the operation of troughed plated of industrial rectification columns. Khim.i tekh.topl.i masel 7 no.2:40-44 F \*62. (MIRA 15:1)

1. Groznenskiy nauchno-issledovatel skiy neftyancy institut.
(Plate towers)

KOZOREZOV, Yu.I.; BAYBURSKIY, L.A.; MANOVYAN, A.K.; GONCHAROVA, N.A.

Operation indices and the evaluation of certain methods for designing rectifying columns for industrial petroleum refining plants. Trudy Groznii no. 15:148-164 163.

(MIRA 17:5)

MANOVYAN, A.K.; BAYBURSKIY, L.A.; GONCHAROVA, N.A.

Calculating the number of theoretical plates for rectification towers. Khim. i tekh.topl. i masel 9 no.2:50-56 F '64.

(MIRA 17:4)

1. Groznenskiy neftyanoy nauchno-issledovatel'skiy institut.

38880

S/188/62/000/003/005/012 B111/B112

24.6610

AUTHORS:

Vavilov, B. T., Verdiyev, I. A., Goncharova, N. G., Grigor'yev, V. I., Meledin, G. V.

TITLE:

Quantum field theoretical investigation of multiple processes

PERIODICAL:

Moscow. Universitet. Vestnik. Seriya III. Fizika,

astronomiya, no. 3, 1962, 46-59

TEXT: Multiple production of  $\pi$ -mesons in  $\pi$ -N, $\gamma$ -N, N-N, and  $\pi$ - $\pi$  collisions is studied and the corresponding graphic renormalization equations are given. The mathematical structure of the theory is similar to that of the Tamm-Dankov method. It differs only in that the infinite system of equations does not break off, but a solution being reached through a reduction of the propagation function and on other assumptions. Proceeding from the Tomanaga-Schwinger equation

 $i \frac{\delta}{\delta \sigma} u_{[\sigma,\sigma_o]} - H(x) u_{[\sigma,\sigma_o]}$ 

where

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$$v_{[\sigma,\sigma_o]} = \sum_{ij,nm,kl} v_{[\sigma,\sigma_o]}^{(ij,nm,kl)}$$

S/188/62/000/003/005/012 B111/B112

Quantum field theoretical ...

U(ij,nm,kl) is the transition matrix for a graph with i, n, k incoming, and j, m, l outgoing boson, fermion and antifermion lines, respectively. For U(ij,nm) it is established that

(4),

where Q(ij,nm) is a coefficient function, for the individual collisions, as determined from the graphs. This method offers the advantage that summation does not necessitate all graphs being written explicitly as in the perturbation theory. Since a closed solution is impossible, the procedure is simplified by disregarding the production of nucleonantinucleon pairs in the intermediate and final states, disregarding spin effects, and assuming low energy in the mesons produced. In addition, scalar and pseudoscalar mesons with scalar interaction are

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Quantum field theoretical ...

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studied. Following the determination of  $Q^{(ij,nm)}$  for the  $\pi-N$ ,  $\gamma-N$  collisions the probability  $W_n$ 

$$W_{n} = n! (2\pi)^{4} \int \frac{d^{3}p}{2E_{p}} \prod_{\ell=1}^{n} \frac{d^{3}k_{\ell}}{2k_{e\ell}} |Q^{(1n,11)}|^{3} \times \times \delta \left(E_{p} + \sum_{\ell=1}^{n} k_{e\ell} - \epsilon_{0}\right) \delta^{3} \left(\vec{p} + \sum_{\ell=1}^{n} \vec{k}_{\ell}\right).$$
(8)

is obtained by insertion into (4) where p,k<sub>i</sub> is a four-momentum of the final particles. The integral in (8) is the "generalized phase integral" which, for N-N and  $\pi$ - $\pi$  collisions has similar shape. Its calculation is illustrated for  $\pi$ -N collisions. For N-N collisions, similar considerations as for  $\pi$ -N collisions, give

$$W_n \sim (gm)^{2n} \left(\frac{\pi}{2\mu^2}\right)^{n/2} \frac{n!(z-1)^{2n-1}}{[(n+1)!]^2(2n-1)!}$$

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Quantum field theoretical...

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where  $z=\frac{E_Q}{m}$ . For  $\pi-\pi$  collisions the interaction is brought about by a nucleon-antinucleon pair (a term  $\lambda_\phi^4$  being added in the interaction Hamiltonian). If meson scattering only is considered, this influences the multiplicity only slightly. The angular distribution tends to higher isotropy in the presence of meson interaction. For the angular distribution of relativistic mesons in N-N collisions  $\frac{dn(\theta)}{d\theta} \sim \frac{1}{\sin^3\theta}$ , and for the energy distribution

$$\frac{\mathrm{dn}(k)}{\mathrm{dk}} \sim \frac{1}{\omega^2} + \frac{\mu^2}{4k\omega^3} \cdot \ln\left(\frac{\omega + k}{\omega - k}\right)^2, \quad \omega^2 = k^2 + \mu^2.$$

Summary of the results for multiplicity:

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Quantum field theoretical ...

S/188/62/000/003/005/012 B111/B112

$$\overline{n}_{N-N} \simeq \frac{\pi^{1/3}}{3} \left( g \frac{m}{\mu} \right)^{4/3} (z^{1/3} - 1)^{2/3}, \quad z = \frac{\mathbf{w}_{\mathbf{k},\mathbf{k}}}{2m}, \\
\overline{n}_{n-N} = \overline{n}_{1-N} = \frac{\pi^{1/3}}{4^{1/3}} g^{4/3} \left( \frac{m}{\mu} \right)^{4/3} \left[ \left( \frac{\mathbf{w}_{\mathbf{k},\mathbf{k}}}{2m} \right)^{1/3} - 1 \right]^{1/3}, \\
\overline{n}_{n-\pi} \sim \begin{cases}
\left( \frac{E^c}{2\mu} - 1 \right)^{4/3} & \text{(i)} \\
\left( \frac{E^c}{2\mu} - 1 \right)^{1/3,5} \div \left( \frac{E^c}{2\mu} - 1 \right)^{1/4}, & \text{(ii)}
\end{cases}$$

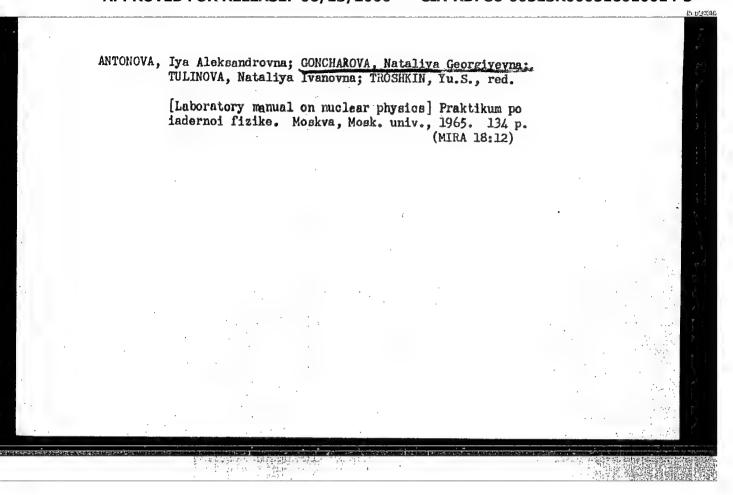
No qualitative agreement could be found between the formulas and the experiment. There are 5 figures and 1 table.

ASSOCIATION: Kafedra elektrodinamiki i kvantovoy teorii (Department

of Electrodynamics and Quantum Theory)

SUBMITTED: July 18, 1961

Card 5/5



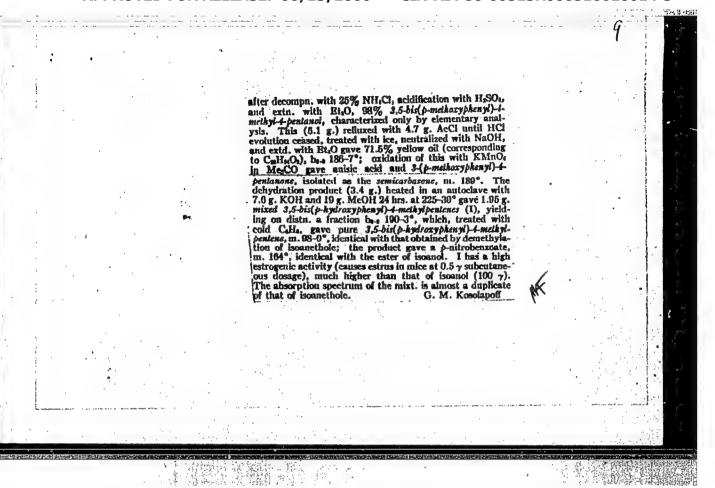
GONCHAROVA, N.I.; KOVALENKO, P.N.; BAGDASAROV, K.N.

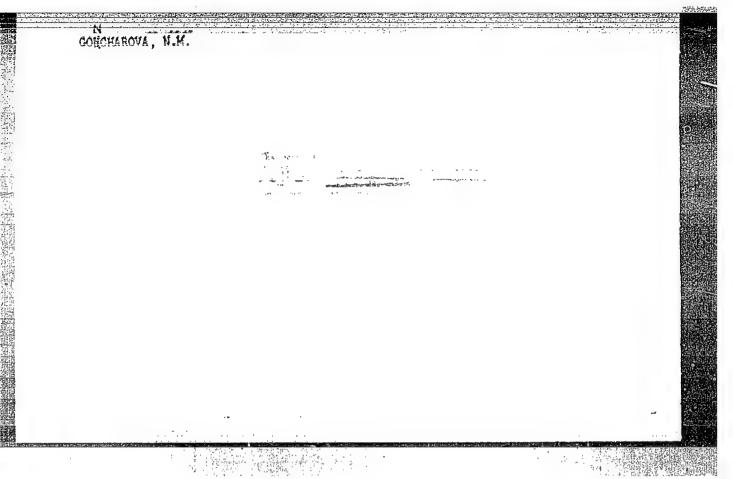
Microstructure of cadmium and the conditions for its determination by electrolysis. Zhur. anal. khim. 19 no.6:671-676 '64.

1. Rostovskiy-na-Donn gosudarstvennyy universitet.

(MIRA 18:3)

A Estrogenic activity of dimers of anol. H. Smithesis of formeric 4.3-bial obstacryphencyl A most plendances. O. S. Mader, R. M. Gordon, and V. J. Madermov (S. Octobalkick Minimus, and V. J. Madermov (S. Octobalkick) (J. J. Malermov (S. Octobalkick) (J. J. Malermov (S. Octobalkick) (J. J. Malermov (J. J. J. Malermov (J. J. Malermov (J. J. Malermov (J. J. J. Malermov (J. J. J. Malermov (J. J. J. Malermov (J. J. Malermov (J. J. J. Mal

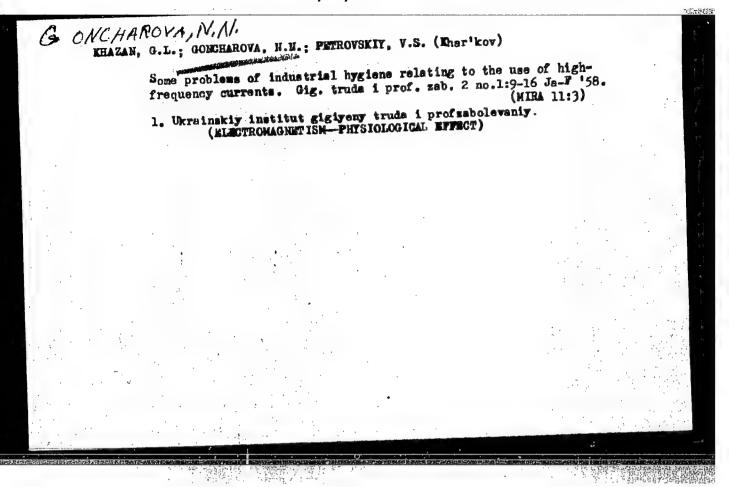




GONCHAROVA, N. N.

33434. Effektivnost' Meropriyatiy Po Bur'be S Fyl'yu Na Podzemnykh Rabotakh Krivorozhskogo Basseyna. Cigiyena I Sanitariya, 1949, No. 10, c. 31-38.

SO. Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949



KHAZAN, G. L., kand. med. nauk; GONCHAROVA, N. N., kand. med. nauk; KARAMYSHEV, V. B., mladshiy nauchnyy sotrudnik; VYCHEGZHANIN, A. G., mladshiy nauchnyy sotrudnik; OVCHARENKO, O. I., kand. med. nauk; ZHUK. G. S., kand. med. nauk (Khar'kov)

Bacterial diffusion in the atmosphere of machine shops and ways of decreasing it by the ultraviolet irradiation of the recirculated air. Vrach. delo no.6:121-124 Je '62.

(MIRA 15:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut gigiyeny truda i professional'nykh zabolevaniy.

(ULTRAVIOLET RAYS)
(METALLURGICAL PLANTS-HEATING AND VENTILATION)
(AIR-BACTERIOLOGY)

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#### CIA-RDP86-00513R000516010014-3

SOURCE CODE: 0R/0391/66/000/007/0010/0013 ACC NRI AP6022516 AUTHOR: Goncharova, N. N. (Khar'kov); Karamyshev. 3. Bi (Khar'kov); Faksimenko, H. (Khar'kov) ORG: Institute of Industrial Hygiene and Occupational Diseases (Institut gigiyeny truda i profzabolevaniy) TITLE: Industrial hygiene problems of working around ultrashort-wave transmitters used in television and broadcasting SOURCE: Gigiyena truda i professional'nyye zabolevaniya, no. 7, 1966, 10-13 TOPIC TAGS: microwave, industrial hygiene, central nervous system, cardiovascular system, hemodynamics, human physiology ABSTRACT: A hygienic assessment of personnel working conditions around ultrashortwave generators was conducted. The clinical effect of a wide range of EMF's was also studied. The tests were run in TV transmission centers where 2-5 kw, 67-230 Mc (VHF) transmitters are used. The basic causes of EMF were inadequate shielding of HF components such as oscillating systems, air capacitors, generator tubes, power bridges, antenna components, etc. Measurements of EMF power intensity were conducted using a LIOT dosimeter and the results showed that the average strength of EMF's (5 v/m) exceeded the permissible values recommended by Z. V. Gordon and P. P. Fukalova. Around control panels, intensity reached 8-15 v/m, around TV transmitters,

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UDC: 616.6:621.39.029.0

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ACC NR: AP6022516

23-68 v/m, and around bridges, 8-30 v/m. It was also noted that 30% of the working shift was spent around transmitters where the field intensity fluctuated between 23 and 150 v/m. About 50% of the time was spent behind the control panel (8-9 v/m), and 20% in the absence of any EMF. Physiological examinations were conducted on 51 subjects, 27 of whom had working periods of 3-8 years and 24 of whom served as controls. It was observed that the working group experienced shifts in nervous and cardiovascular system function. At the end of the working shift there was an increase (by 13 mm Hg) in systolic pressure and prolongation of speech and visual motor reactions. Central nervous system reactivity was not equivalent in the two groups; a study of speech and visual motor reactions showed that reaction speed was decreased by 17-34  $\sigma$  in workers, while it was increased by 11-17  $\sigma$  in control subjects. The speed of visual motor reactions compared well to the data of T. V. Kalyada, U. A. Osipov, et. al, 1959. To detect shifts in the state of the nervous system, an olfactometric approach was used. Rosemary (sympathicotropic agent), thymole (parasympathicotropic agent), and camphor (no essential autonomic effect) were used. An increase in worker olfactory threshold was found, indicating central nervous system inhibition both in the autonomic and sympathetic spheres. Analogous results were obtained in a study of the peripheral nervous system; finger chronaxie was somewhat prolonged (0.03-0.05 m/sec) in workers, while shortened in control subjects. This slight increase in chronaxie apparently indicates a decrease in the neural excitation generation rate. It was concluded that prophylactic measures are called for to decrease EMF intensity in TV and radio stations.

SUB CODE: 06/ SUBM DATE: 15May 65/ ORIG REF: 003/ ATD PRESS: 5036

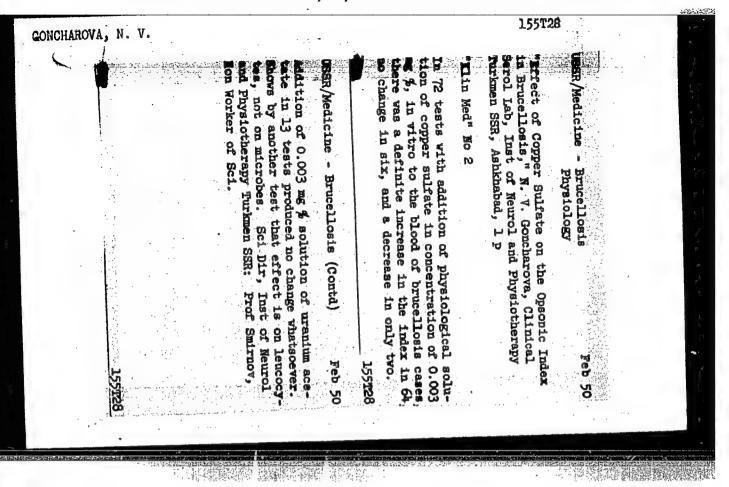
MUROMISEV, S.N.; MAYOROVA, G.F.; NENASHEV, V.P.; GONCHAROVA, N.S.

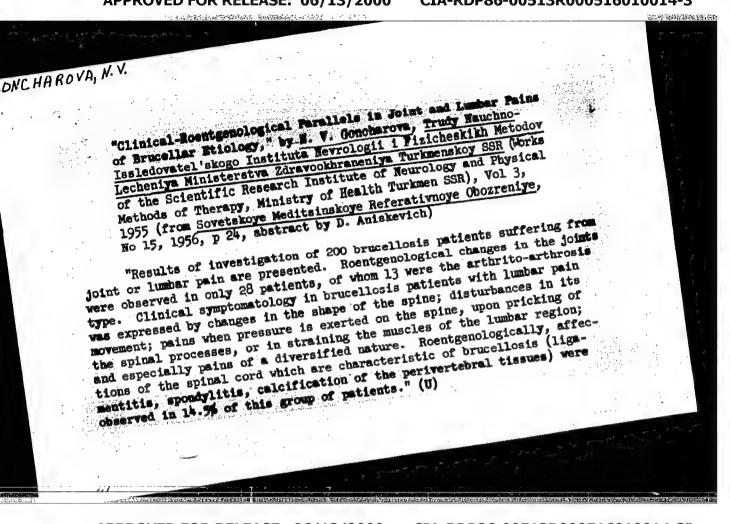
Reactogenic and immunogenic properties of whooping cough vaccine during inhalation immunization. Zhur.mikrobiol., epid.i immun. 33 no.4:71-76 Ap '62. (MIRA 15:10)

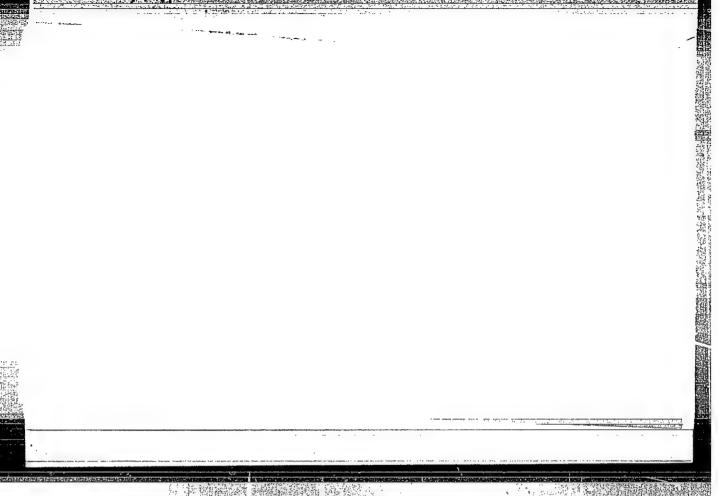
1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR. (WHOOPING COUGH---PREVENTIVE INOCULATION)(INHALATION THERAPY)

### "APPROVED FOR RELEASE: 06/13/2000

#### CIA-RDP86-00513R000516010014-3







GONCHAROVA. M.V.; VOYTEKHOV. A.A.; KARZHEV, V.I.; OROCHEO, D.I.

Indirect methods for determining relative activity of catalysts.

Rhim. 1 tekh. topl. 1 masel no.3:7-14 Mr '57. (MERA 10:4)

1. Vsesoyusnyy nauchno-issledovatel kiy institut po pererabotki nefti i gasa i polucheniyu iskusetvennogo shidkogo topliva.

(Gatalysts)

SOV/65-58-12- 4/16

AUTHORS:

Goncharova N. V; Krivozubova, N. V; Yevseyev, G. D; Voytekhov, A. A; Kasatkin, D. F. and Karzhev, V. I.

TITLE:

Preparation of Products with a High Aromatic Hydrocarbon Content by Hydrogenation (Polucheniye produktov s vysokim soderzhaniyem aromaticheskikh uglevodorodov

metodom gidrogenizatsii)

PERIODICAL:

Khimiya i Tekhnologiya Topliv i Masel, 1958, Nr 12, pp 15 - 21 (USSR)

ABSTRACT:

Processes for the hydrogenation of high-molecular liquid products and solid fuels are very important for the manufacture of motor fuels. The authors investigated the hydrogenation of two samples of crude over a specially treated catalyst, and showed that the end-products contained a high amount of aromatic hydrocarbons. The process was carried out in a laboratory apparatus with a 1.5 litre reactor working at pressures up to 700 atms. (Fig 1). The broad fraction of a liquid phase hydrogenate of tar obtained by semi-coking of Cheremkhovsk coal, and the

gas-oil fraction boiling between 160 - 280°C obtained by catalytic cracking of the vacuum distillate of Spetroleum, were used as starting materials. Their

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SOV/65-58-12-4/16
Preparation of Products with a Migh Aromatic Hydrocarbon Content by Hydrogenation

physico-chemical characteristics are given in Table ... 1. Bicyclic aromatic hydrocarbons are converted over a chromium catalyst, at temperatures above 460°C, and at hydrogen pressures from 300 - 600 atms into monocyclic hydrocarbons in high yields. These compounds, with long side chains, are dealkylated and simpler homologues of benzene are formed at 500°C and a pressure of 300 atms. The hydrogenate contained a fraction boiling up to 180°C which equalled approximately 46%; benzene formed 23% of this fraction. The quantity of the initial decalin in this mixture remained practically unchanged. Variations in the activity of the catalyst are shown in a graph (Fig.2). A series of experiments was carried out to determine the reaction kinetics with fresh material up to its dephenolisation when the pressure of hydrogen equalled 600 atms, at various temperatures and various volume rates (Fig. 3). Results are given in the form of kinetic isotherms (Fig. 4). On comparing these isotherms it can be seen that the highest yields of aromatic hydrocarbons are obtained at a temperature of 500°C and a volume rate of 0.5 - 0.7 kg/litre hour. At pressures

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Preparation of Products with a High Aromatic Hydrocarbon Content by

of 300 atms the yield of hydrogenate constituted 87% 56% of sulphonated hydrocarbons boiling at 1600°C and temperature. At 600 atms pressure slightly less satistests on three samples, which were carried out at altests on three samples, which were carried out at altests on three samples, which were carried out at altests on three samples, which were carried out at altests on three samples, which were carried out at altests on three content of aromatic hydrocarbons in hydrosides the content of aromatic hydrocarbons in hydrotion equals 81.3 and is increased to 86.8 when 1 ml/kg effect of the chemical composition of the starting between 160 - 2800°C. The hydrogenates contained a A 68% yield of the fraction boiling at 160°C, with a processing gas-cil. It was found that the chemical composition of the chemical of the initial material hardly affects the

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Preparation of Products with a High Aromatic Hydrocarbon Content by

yield of C6 - C8 aromatic hydrocarbons. Table 5: results of hydrogenation of different types of raw material. There are 5 Tables, 4 Figures and 10 References: 5 English, 1 German and 4 Soviet.

ASSOCIATION: VNII NP

Card 4/4

KARZHEV, V.I.; SIL'CHENKO, Ye.I.; GONCHAROVA, N.V.; SVIRINA, V.P.;

Activity of phosphoric acid catalyst pellets. Khim.i tekh.topl.i masel 8 no.8:19-23 Ag '63. (MIRA 16:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke nefti i gazov i polucheniyu iskusstvennogo zhidkogo topliva. (Petroleum-Refining) (Catalysis) (Phosphoric acid)

ACCESSION NR: AP4039763

5/0065/64/000/006/0024/0028

AUTHOR: Karzhev, V. I.; Sil'chenko, Ye. I.; Goncharova, N. V.; Svirina, V. P.; Lebedeva, A. M.

TITLE: Separation of aromatic hydrocarbons by means of complexes

SOURCE: Khimiya i tekhnologiya topliv i masel, no. 6, 1964, 24-28

TOPIC TAGS: xylene, p-xylene, m-xylene, antimony(III) chloride, p-xylene separation

ABSTRACT: A study has been made of the separation of p-xylene by means of complex formation with  $SbCl_3$  from a mixture of  $C_8$  aromatic hydrocarbons produced in the aromatization of gasoline fractions. The principal purpose was to determine the maximum percentage recovery of p-xylene obtainable. The purity of the isolated p-xylene was also studied. Xylenes, synthetic mixtures of pure p-and m-xylene, and the 136-140C xylene fraction produced at the Novokuybyshevkiy Refinery were used.  $SbCl_3$  was dissolved in the

Card 1/3

ACCESSION NR: AP4039763

hydrocarbon mixture at 60—70C. The solution was cooled to a predetermined temperature, and a SbCl<sub>3</sub>·C<sub>6</sub>H<sub>4</sub>(CH<sub>3</sub>)<sub>2</sub> crystal seed (ap, 56C) complex was filtered off and thermally decomposed at 136—144C. The hydrocarbons were isolated by distillation. Optimum conditions was concluded that separation of highly concentrated p-xylene stages, depending on the starting-material composition, the complex is produced after the last stage. In this case, 94—96X p-xylene regenerated. The mother liquor can be returned to the first stage SbCl<sub>3</sub> under different conditions. This research was done at the Orig. art. has: 5 tables and 1 figure.

Card 2/3

ACCESSION NR: AP4039763 ASSOCIATION: none						
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L 11621-66 ENT(1)/EMA(1)/EMA(b)-2 JK

ACC NR. APG001736 SOURCE CODE: UR/0020/65/155/001/0931/0932

AUTHOR: Goncharova, R. I.; Turbin, N. V. (Academician AN BSSR)

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TITLE: Antimutagenio effect of certain sulfanilamides

SOURCE: AN SSSR. Doklady, v. 165, no. 1, 1965, 931-932

TOPIC TAGS: animal experiment, sulfanilamide, biologic mutation

ABSTRACT: Streptocid or sulcymide was added in sublethal concentrations to standard nutritive media in 2 series of experiments on Drosophila melanogaster lines D-18 and Clb/w to determine antimutagenic effects. In the first series, fertilized females of the D-18 line were placed on mutritive media containing one of the preparations to lay their larvae; 1 to 3 days after hatching, males were selected and crossed with females of the ClB/w line. In the second series, adult males of the D-18 line were placed in a test tube containing nutritive media with one of the preparations for 2 to 3 days and were then crossed with females of the ClB/w line. Antimutagenic effects were determined by the frequency of spontaneous recessive sex-linked lethal mutations of found in the offspring. Findings show that streptocid and sulcymide Card 1/2

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both displayed a marked antimutagenic effect (0.09±0.03% mutations) in the first series in which the males spent their entire developmental spontaneous mutation was not inhibited by the preparations in the case of adult males (0.38±0.42% mutations) in the second series. The author suggests another possible but rather unlikely interpretation of these sex cells whereby some of the mutant gametes are practically excluded of this type is not an antimutagenic effect. Also, it is difficult to only at the larva stage and not at the adult stage. Orig. art. has:

SUB CODE: 06, 07/ SUBM DATE: 26Jul65/ ORIG REF: 007/ ATD PRESS: 4/7/

beh Cord 2/2

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